

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEDOCKET NO.  
AN18D1APPLICATION NO.  
Unknown

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS: Joseph William Lowry and Eustathios  
Vassiliou

FILING DATE

12/5/03

GROUP ART UNIT

Unknown

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CL	2,326,903	08-1943	Tinnerman	248	500	
↑	2,342,832	02-1944	Borchers	292	17	
	2,567,884	09-1951	Heath	411	61	
	3,649,059	03-1972	Davidson, John W.	248	239	
	4,500,238	02-1985	Vassiliou	411	30	
	4,595,325	06-1986	Moran et al.	411	173	
	4,610,588	09-1986	Van Buren et al	411	173	
	4,765,788	08-1988	Nowak et al.	411	61	
	4,874,277	10-1989	Nowak et al.	411	61	
	4,941,340	07-1990	Nowak et al.	72	379.2	
	5,100,273	03-1992	Vassiliou	411	60	
↓	5,429,467	07-1995	Gugle et al.	411	182	
CL	5,636,891	06-1997	Van Order et al.	296	37.7	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

CL

DATE CONSIDERED

3-22-04

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CL	5,725,343	03-1998	Smith	411	55	
CL	5,846,039	12-1998	Kirchen et al.	411	34	
CL	5,873,690	02-1999	Danby et al.	411	55	
CL	6,095,734	08-2000	Postadan et al.	411	182	
CL	6,280,129	08-2001	Lowry et al.	411	55	
CL	6,409,443	06-2002	Lowry et al.	411	55	
CL	6,517,302	02-2003	Lee, Ho Dal	411	182	
CL	6,560,819	05-2003	Mizuno et al	16	2.2	
CL	US-2002/0194710	12-2002	Dickinson et al.	24	295	

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